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Amendments to the Claims

1. (Previously Presented) A photopolymerizable element for use as a flexographic printing plate comprising:

- (a) a support;
- (b) a photopolymerizable elastomeric layer on the support, comprising a binder, at least one monomer, a photoinitiator, an onium salt and a leuco dye, wherein the onium salt is selected from the group consisting of phosphonium salts, selenonium salts, triarylselenonium salts, iodonium salts, diaryliodonium salts, sulfonium salts, triarylsulphonium salts, dialkylphenacylsulphonium salts, triarylsulphoxonium salts, aryloxydiarylsulphoxonium salts, dialkylphenacylsulphoxonium salts, and combinations thereof.

2. (Cancelled)

3. (Previously Presented) The photopolymerizable element of Claim 1 wherein the onium salt is selected from the group consisting of sulfonium salts, phosphonium salts, and iodonium salts.

4. (Original) The photopolymerizable element of Claim 1 wherein the leuco dye is a cyclic lactone dye.

5. (Original) The photopolymerizable element of Claim 4 wherein the cyclic lactone dye is selected from the group consisting of aminotriarylmethane compounds, amino-2,3-dihydroanthraquinones, and tetrahyalo-p,p'-bihenols.

6. (Original) The photopolymerizable element of Claim 4 wherein the cyclic lactone dye is selected from the group consisting of

- 6'-(diethylamino)-3'-methyl-2'-(phenylamino) spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one;
- 2'-di(phenylmethyl) amino-6'-(diethylamino)spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one;
- 6-(dimethylamino)-3,3-bis(4-dimethylamino)phenyl-1(3H)-isobenzofuranone;
- 6-(dimethylamino)-3,3-bis[4-(dimethylamino)phenyl]-1(3H)-isobenzofuranone;
- 2'-[bis(phenylmethyl)amino]-6'-diethylaminospirobenzofuran-1(3H),9'-[9H]xanthen]-3-one;
- 3-[bis(4-octylphenyl)amino]-3-[4-dimethylamino)phenyl]-3(3H)-izobenzofuranone; and
- 3,3-bis(1-butyl-2-methyl-1H-indol-3-yl)-1(3H)-izobenzofuranone.

7. (Original) The photopolymerizable element of Claim 1 wherein the onium salt is sensitive to the same wavelength of radiation as the photoinitiator.

8. (Original) The photopolymerizable element of Claim 1 wherein the onium salt is sensitive to radiation between 310 and 400 nm.

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9. (Original) The photopolymerizable element of Claim 7 wherein the onium salt absorbs radiation between 345 and 365 nm.

10. (Original) The photopolymerizable element of Claim 1 wherein the amount of the onium salt is 0.2 to 0.6% by weight, based on the total weight of the components in the photopolymerizable layer.

11. (Original) The photopolymerizable element of Claim 1 wherein the onium salt is present in greater reactive amount than the leuco dye.

12. (Original) The photopolymerizable element of Claim 4 wherein the amount of the onium salt is at least twice the amount of the cyclic lactone dye.

13. (Original) The photopolymerizable element of Claim 1 wherein the amount of the leuco dye is 0.1 to 0.3 % by weight, based on the total weight of the components in the photopolymerizable layer.

14. (Original) The photopolymerizable element of Claim 1 further comprising an actinic radiation opaque layer disposed above a surface of the photopolymerizable layer opposite the support.

15. (Original) The photopolymerizable element of Claim 1 further comprising a release layer disposed above a surface of the photopolymerizable layer opposite the support.

16. (Previously Presented) The photopolymerizable element of Claim 1 further comprising an elastomeric layer on the surface of the photopolymerizable layer opposite the support, the elastomeric layer comprising an elastomeric binder, a second onium salt and a second leuco dye, wherein both of the second salt and the second leuco dye can be the same or different than the onium salt and leuco dye in the photopolymerizable layer.

17. (Original) The photopolymerizable element of Claim 1 wherein the photopolymerizable layer is at least 0.020 inch (0.05 cm) thick.

18. (Original) The photopolymerizable element of Claim 1 wherein the binder is elastomeric.

19. (Original) The photopolymerizable element of Claim 1 wherein the photoinitiator is sensitive to radiation between 310 and 400 nm, and the photopolymerizable layer further comprises a second photoinitiator sensitive to radiation between 220 and 300 nm.

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

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29. (Cancelled)

30. (Cancelled)

31. (Original) The photopolymerizable element of Claim 1 wherein the photopolymerizable layer having a first color is exposed to actinic radiation of at least 1 joules/cm² to change the photopolymerizable layer to second color.

32. (Original) The photopolymerizable element of Claim 1 wherein the photoinitiator when exposed to actinic radiation generates free radicals which initiate the polymerization of the at least one monomer.

33. (Previously Presented) A printing plate made from a photopolymerizable element comprising:

(a) a support;

(b) a photopolymerized elastomeric layer on the support, comprising a binder, at least one monomer, a photoinitiator, an onium salt, and a leuco dye;
wherein the plate has a relief surface with raised areas and a floor that contrasts in color with the raised areas.

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)

38. (Cancelled)

39. (Cancelled)